

425101

INFORMATION DISCLOSURE CITATION
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Docket Number (Optional)

BREV 13186

Application Number

Applicant(s)

ANDRE et al

Filing Date

APRIL 25, 2001

Group Art Unit

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
WA		5,670,248	09-23-97	LAZAROV et al	428	304.4	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
WA		0 486 475 A2	03-03-89	EUROPE	C 03 C	17/23		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

WA		"Influence of Microstructure on Laser Damage Threshold of IBS Coatings" by C. J. Stolz et al SPIE Vol. 2714 XP-002111763, pgs. 351-359
WA		"Thin Films for Optical Systems" edited by F.R. Flory Ecole Nationale Supérieure de Physique de Marseille, Marseille, France Pgs. 521-549

EXAMINER

W. J. ...

DATE CONSIDERED

3/24/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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WA

"Optical Coatings Deposited by Reactive Ion Plating" by A.J. Waldorf et al
Applied Optics/October 1, 1993/Vol. 32, No. 28
pgs. 5583-5593

"Optical Coatings for High-Power Neodymium Lasers" by B. Brauns et al
Sov. J. Quantum Electron 18 (10) Oct. 1988, c 1989 American Institute of Physics
pgs. 1286-1290

"Investigation of Optical Damage Mechanisms in Hafnia and Silica Thin Films Using Pairs of Subnanosecond Laser Pulses with Variable Time Delay"
by L.L. Chase, et al
J. Appl. Phys. 71 (3) February 1, 1992/American Institute of Physics
pgs. 1204-1208

"Characterization of Defect Geometries in Multilayer Optical Coatings" by R.J. Tench et al
J. Vac. Sci. Technol. A 12(5), Sep/Oct 1994
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pgs. 2808-2813

"Reactive Evaporation of Low-Defect Density Hafnia" by R. Chow et al
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"Stress and Environmental Shift Characteristics of HfO₂/SiO₂ Multilayer Coatings" by J.F. Anzellotti et al
Proceedings Reprint/SPIE - The International Society for Optical Engineering
Reprinted from 28th Annual Boulder Damage Symposium proceedings "Laser-Induced Damage in Optical Materials: 1996"
October 7-9, 1996, Boulder, Colorado
SPIE Vol. 2966, pgs. 258-264

"Study of the Structure and Properties of Thick Vacuum Condensates of Nickel, Titanium, Tungsten, Aluminum Oxide and Zirconium Dioxide" by B.A. Movchan et al
F metal. metalloved., 28, No. 4, 653-660, 1969
pgs. 83-90

WA

"Nano Absorbing Centers: A Key Point in Laser Damage of Thin Films" by J. Dijon et al
SPIE Vol. 2966, pgs 315-325

EXAMINER

Waldorf

DATE CONSIDERED

4/12/05 3-24/05

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